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# DESIGN FOR A WOMEN'S GYMNASIUM

BY

JOHN HENRY SCHACHT

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THESIS FOR THE DEGREE OF BACHELOR OF SCIENCE

IN ARCHITECTURE

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COLLEGE OF ENGINEERING

UNIVERSITY OF ILLINOIS

PRESENTED JUNE 1903



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June 1, 1903 190

THIS IS TO CERTIFY THAT THE THESIS PREPARED UNDER MY SUPERVISION BY

JOHN HENRY SCHACHT, under the direction of Professor Temple,

ENTITLED DESIGN FOR A WOMAN'S GYMNASIUM

IS APPROVED BY ME AS FULFILLING THIS PART OF THE REQUIREMENTS FOR THE DEGREE

OF Bachelor of Science in Architecture.

*N. Clifford Rickes*

HEAD OF DEPARTMENT OF Architecture.





This description accompanies the design for a women's gymnasium the drawings of which are on two sheets 25 inches by 35 inches in size. One sheet contains two plans at 1/16 inch scale and the other, two elevations, namely: the front and side, which are also drawn at 1/16 inch scale.

This thesis treats of a modern gymnasium to fulfill the conditions existing at the University of Illinois. This particular subject was chosen because the University needs a building for this purpose and there has been much conjecture as to what type of structure would fulfill the needs of the institution.

A women's gymnasium differs from a men's gymnasium in this one respect, namely: that it should contain private dressing rooms in connection with the baths.

The main gymnasium floor is entered through a large trophy room. Opening off of this to the right is the lecture room and the janitor's room, while to the left is the instructors' room, with which is connected the assistants' room and an examination room. In each of the four corners of the main gymnasium floor is a stairway which leads up to the balcony and down to the basement. This balcony may be used as a running track if so desired. On each side of the main gymnasium floor and similarly arranged are four hand-ball courts and a basket ball court. The necessary rooms for storage of gymnasium apparatus are provided for in the rear, where there is also a fencing room. In the basement, directly under the trophy, lecture and instructors' rooms is the bowling alley, which is of regulation size and con-



tains raised seats for spectators. Under the hand-ball courts are varsity, faculty, and two team rooms, while the main locker room and shower and tub baths have been provided for under the hand-ball courts. In the <sup>rear</sup> are three rooms for which no special use has been designated. In addition to the baths it was decided to have two swimming pools, one to contain warm and the other cold water. Each shower and tub bath has a private dressing room in connection and in order to gain light and cleanliness in bathing and dressing rooms the interior finish of the basement is intended to be white enamel brick and the floor of white tile.

The extreme length of the building is two hundred forty eight feet, the extreme depth, one hundred eighty two feet and six inches.

The exterior is faced with stone through the basement story and with pressed brick above.

A fair estimate of the cost would be one hundred thousand dollars.



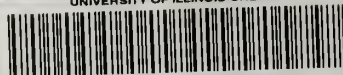








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